

Lethargy

by Arya Akhavan (June 2013)

Angles for R.I. = 1.720

36 + 7 girdles = 43 facets

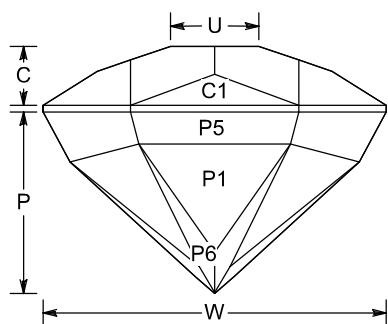
1-fold, mirror-image symmetry

96 index

L/W = 1.103 T/W = 0.426 U/W = 0.258

P/W = 0.528 C/W = 0.171

Vol./W³ = 0.233



PAVILION

P1	44.40°	96-14-27-41-55-69-82	Cut to centerpoint.
G1	90.00°	36-60	Set stone size.
G2	90.00°	30-66	Meet P1, G1
G3	90.00°	15-81	Meet P1, G2
G4	90.00°	96	Meet P1, G3
P2	65.31°	36-60	Level girdle.
P3	65.87°	30-66	Level girdle.
P4	62.71°	15-81	Level girdle.
P5	61.89°	96	Level girdle.
P6	43.20°	01-95	Meet P1, P4, P5
P7	43.20°	28-68	Meet P1, P3, P4
P8	43.20°	15-81	Meet P1, P2, P3

CROWN

C1	35.26°	96	Set girdle width.
C2	35.26°	15-81	Level girdle.
C3	35.26°	30-66	Level girdle.
C4	35.26°	36-60	Level girdle.
C5	23.03°	06-90	Meet G3, G4, C1, C2
C6	33.62°	35-61	Meet G1, G2, C3, C4
C7	31.45°	31-65	Meet G1, G2, C3, C4, C6
C8	18.80°	24-72	Meet C2, C3, C7
T	0.00°	Table	Meet C4, C6

For some bizarre reason, I wanted to see if I could mess around with approximate 7-fold symmetry using a 96 index. GemCAD allows you to, somehow. I wasn't satisfied with my barion marquis, so I made it into a pear instead. Works in materials from orthoclase to CZ (RI = 1.52 - 2.16) with no changes, but I prefer red spinel. Suggested length = 6-12 mm

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